

Friday March 15, 2024 7pm

License Testing 5:30pm

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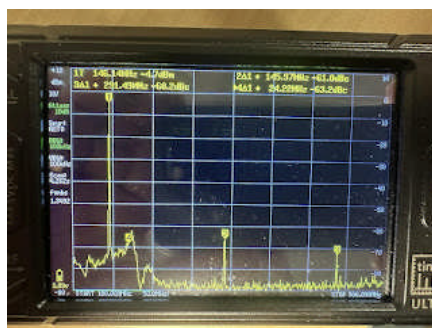


Dr. Sian Proctor, KF7GOL
NASA Astronaut and Professor

THIS MONTH'S PROGRAM

Handie-Talkie Transmitter Harmonic Testing

By Rob Rowland, NZ6J



Learn the proper way to conduct these tests and thus maintain a clean and legal output signal from probably the most popular amateur radio transceiver used by our club members...the handie-talkie (HT).

*Our in-person meeting will also be held virtually, via the Zoom video system. The meeting access ID and password will be distributed via groups.io email announcement. The meeting will also be shown on the club digital amateur television repeater, which is live streamed at: <http://w6cxatv.mdarc.org/> and also live streamed on YouTube on the **Media MDARC** channel.*



We have many accomplished and experienced club members. After all, we are an ARRL Special Service Club! The club is looking for amateur radio or communications topics that you or someone you know could present at a future club meeting.

An alternative might be several short presentations on different topics made by multiple persons.

Please direct your suggestions to our Vice President Ed Morales, KJ6KYT at edmorales928@gmail.com.

Your contribution is vital for the continued success of MDARC. We are eager to hear from you!

ALL MEMBERS ARE INVITED TO JOIN THE FREE CLUB E-MAIL GROUP AT:

<https://groups.io/g/MDARC>

Mount Diablo Amateur Radio Club W6CX
P.O. Box 23222 Pleasant Hill, CA 94523
(925) 288-1730 info@mdarc.org

The Carrier is a monthly publication of the Mount Diablo Amateur Radio Club (MDARC). It is the policy of the editor to publish all material submitted by the membership provided such material is in good taste, relevant to amateur radio and of interest to MDARC members, and provided space is available.

President - Larry Bradley, KK6QPE
Vice President - Ed Morales, KJ6KYT
Secretary - Brian Lotter, KM6NGS
Treasurer - Barbara Whysong, K6WHY
Emergency Coordinator - Larry Loomer, KI6LNB

Directors At Large
 Trevor Hall, WA6JAU Cal Vasquez, K6VT
 Mark Fehlig WA6NGC Mike Warren, W6MEW

Membership Chair - Jan Kulisek, KM6NFC
mdarcmembership@mdarc.org

PACIFICON 2024

Chair: Julie Mah, WJ8MAH
Registration: Jim Marchetti, KD7G
Treasurer: Barbara Whysong, K6WHY
Secretary: Jeff Mah, N8MAH

COMMITTEE CHAIRS AND COORDINATORS

Annual Auction - **vacant**
Communications Trailer - Mike Warren, W6MEW
Communications Van MDARC-1 - Jim Tittle, K6SOE
Digital Media - Grant Bowman, K6CBK
Education & Training - **vacant**
Field Day - Larry Loomer, KI6LNB
Good & Welfare - Diana Sage, KA6TZU
Holiday Dinner - Misa Siemons, KJ6BUE
License Testing - Larry Loomer, KI6LNB
Outreach - Dick Wade, WM6G
Programs - Ed Morales, KJ6KYT
Public Service - Larry Loomer, KI6LNB
Radio Equipment Lending - Cal Vasquez, K6VT
Refreshments - Elizabeth Styles, KG6HLV
Scholarship - Janice Fujii, KG6VTD
Technical Committee - Jim Tittle, K6SOE
Volunteer Classes - Dick Wade, WM6G
W6CX Repeater Trustee - Jim Tittle, K6SOE
W6LGW Callsign Trustee - Larry Loomer, KI6LNB

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President's Message



MDARC FAMILY...

*O' QST Magazine
Where art thou?
Bytes thy hath gone
Hearing not thy siren song
My fault alone
\$25 hath not I shown*

Okay, so I never claimed to be a poet, but by mid-February I was starting to get the shakes because I no longer had my printed QST Magazine to read. My lack for not ponying up the \$25 but realize that it is still digitally available. I do read many books on Kindle but prefer the printed edition of QST. I completely understand ARRL's need to contain their expenses so they have the resources to better advocate for the amateur radio community. So now that March is here and my QST Magazine shakes are diminishing, maybe I'll just stick to Science News magazine and learn about poison dart frog toxins, what pouring water sounds like, or teen brains and THC.

But there is an article in the February 10, 2024 issue of Science News magazine (Vol. 205, No 3) that is about a subject near and dear to any amateur radio operator working portable... batteries. These are a mainstay for successful, continual operation of our portable stations. Currently the energy density in LiFePO₄ batteries provide us with reliable performance, but we are always looking for something even better with higher energy density, safer to charge and store, inexpensive to manufacture and hopefully reasonably priced.

The Science News magazine article "AI helped create a new type of battery" gives us the hope that better batteries are in our future.

You can read more on how by using AI and supercomputing it has been possible to identify better materials, including the long sought after solid electrolytes for transferring those (wonderful) electrons. Here is an article dated January 8, 2024 on arXiv.org that you might find interesting.

[\[2401.04070\] Accelerating computational materials discovery with artificial intelligence and cloud high-performance computing: from large-scale screening to experimental validation \(arxiv.org\)](#)

Last Saturday, on 03/02 I was up long before sunrise to help with the REVEL Half Marathon event on Mt. Diablo and boy, am I glad I checked my phone before heading out because there was a message from Steve Donovan, WB6SAL, the Rado Communications Coordinator, announcing that due to the weather and safety concerns, the event had been cancelled. I am sure there were many runners... had heard that 1,000 had registered ... who were glad, sad, sorry, and even angry. But sometimes Mother Nature holds the winning hand.

(continued on following page)

Because of the stormy, wet weather, I must admit that I was somewhat relieved that the event had been cancelled, but at the same time was disappointed to not be able to use this time to operate in inclement weather. After all, one of the reasons many of us participate in public service events is to better prepare ourselves for those times when we may be called to provide communications during an emergency. The saying goes that it is better to prepare and practice for the worst conditions as when it is cold, dark, and very stormy. Last Saturday met those conditions and we lost an opportunity.

But it was not a total loss because in the days preceding the event, I was motivated to check my equipment. For example, checked that the two HTs were fully charged, including the extra batteries. Also, a good opportunity to review my “cheat sheet” for both HTs to make sure I knew how to operate them. It is so easy for this knowledge to become “stale,” especially during the inactivity during the winter months.

Before closing, I want to give a shout out to Steve Donovan, WB6SAL, who was the coordinator for this cancelled event. Serving as a coordinator for any public event is a large responsibility and requires much effort to make it “all come together” for not only the Ham “crew,” but also for the event or race director. Without such MDARC members stepping up to serve in this capacity, our public service opportunities would be severely curtailed. Thanks Steve!

LarryB, KK6QPE
2024 MDARC President

CAN YOU HEAR ME NOW?

On February 28, 2024, our club's 2 Meter 147.06 FM and 145.00 Multi Mode repeaters are back in normal operation.

The repeaters, located on Mount Diablo's South Peak, have been working off of one antenna since the receive antenna failed last year.

The new receive antenna was installed and tested OK. Signal reports have been coming in from stations that could not access the repeater before the repair.

**73,
Jim Tittle, K6SOE**

Yummy Flash!

A special treat is in store for you when you attend our March 15th General Membership Meeting in person. Not only does your purchase of raffle tickets entitle you to a chance to win one of Janice's (KG6VTD) scrumptious pies, but you also will be taking home a \$25 gift certificate from Ham Radio Outlet. What a deal!



The club needs help with the ZOOM system for our general meetings. Since we have resumed in-person meetings, we need additional help running the ZOOM system for those who cannot attend. Please contact Board Member Mike Warren, W6MEW, at mwarren2@comcast.net.

MDARC LEAP DAY NET FEBRUARY 29, 2024

Thanks to everyone for making our LEAP DAY NET a SUCCESS!

This was an exciting and unique Thursday night net indeed, with Lauren Styles, WA6CIE, as net control. The net ran between 7:00 PM and 8:15 PM, on the W6CX repeater, resulting in 109 check-ins (59 rollcall net members and 50 visitors), bringing together many hams throughout Northern California as well as others checking in from Nevada, Texas, and Georgia via Echolink. The callsigns who checked in are listed below.

This net was just for the fun of doing something different and MDARC invited all hams to participate in this special event net to 'celebrate' LEAP DAY 2024. Advertising was in the MDARC CARRIER, the ARRL East Bay Section Newsletter, and information posted at HRO in Sacramento, and hams doing what they do best – spreading the word!

A big plus for the success of the net was that on Wednesday (the day before the net), our new receive antenna (replacing the wind-damaged one) was installed on the Mt. Diablo South Peak tower which vastly improved reception. Thanks to Trevor Hall and Jim Tittle for getting this done!

The next time LEAP DAY falls on MDARC Thursday night net is in 2052.

I thank the following hams who assisted in making this net a success:

The MDARC Board of Directors K6SOE Jim Tittle, W6CX Trustee KI6LNB Larry Loomer, MDARC Emergency Coordinator K6REL Rich Leuck, MDARC Thursday night net control coordinator Peg KJ6MXT, Elaine KJ6MXP, Barb K6WHY, Trevor KG6MDW, Logging and Recording Team Mike Patterson N6JGA, ARRL East Bay Section Manager, and the staff of HRO Sacramento.

73's

Lauren Styles WA6CIE, MDARC LEAP DAY Net Control

AA6AT	WM6G	KJ6MXP	KC6SLE
K6AWA	WX6G	KJ6MXT	K6SOE
N6AXQ	KA6GEM	WA6NGC	KN6SQ
K6BAY	WB6GJE	AI6NL	KK6SQM
KM6BCQ	KG6HLV	KN6NPC	KF6SWU
KA6BJS	W6HHS	KG6OBQ	K7SXC
KO6BKH	KK6ILV	N6ORB	KN6TFY
KM6BNQ	KK6IWO	KG6PHZ	WE4TSA
N6BRB	W6JAL	KG6QET	KA6TZU
W6BXE	KN6JBJ	KM6QLB	KB6UCM
KF6CCZ	N6JGA	KK6QPE	KN6VMK
KO6CES	W6JIM	K6QWY	KE6VOO
WA6CIE	K6JPR	KJ6RAB	NZ6VQ
W6CUS	KN6KEY	W6RBF	K6VT
N7CXG	KJ4KG	K6REJ	KN6WEV
KK6DBX	KK6KGX	K6REL	K6WHY
AI6DC	KB6LFM	N6RIO	KD6WYH
KO6DFR	KI6LNB	KN6RUQ	K6XZ
N4DLA	AJ6LP	KN6RVH	N1YCN
WA6EKS	KM6LZL	WB6SAI	KN6YCX
KM6ELF	N8MAH	K6SFD	KN6YHY
KN6EVW	KG6MDW	W6SFD	K8YIP
W4FEK	W6MEW	K6SHE	KK6ZCU
KJ6FNM	KM6MRU	KM6SJO	KM6ZJT
			N6ZKZ
			AC6ZZ



PUBLIC SERVICE EVENTS

Oakland Running Festival – Running Race

Sunday March 17, 2024

Running Race in Downtown Oakland

Radio Coordinator: Mike Pompa KB6MP, mpompa@gmail.com

<https://www.ww6or.com/oakland-marathon-signup>

Diablo Trails Challenge - Running Race

Saturday April 6, 2024

Running race from Castle Rock Park, Walnut Creek

Radio Coordinator: Larry Loomer KI6LNB, larylloomer@yahoo.com

Brazen Racing <https://brazenracing.com/diablotrailschallenge>

Cinderella Bike Ride – in Livermore

Saturday April 13, 2024

Ladies' Bike Ride around Livermore

Radio Coordinator: George Moorhead, KG6GEM, kg6wiu1@comcast.net

<https://www.valleyspokesmen.org/>

MARS Ridge to Bridge bike ride in Marin County

Saturday April 13, 2024

Contact: Larry Loomer KI6LNB, larylloomer@yahoo.com

Primavera Ride Livermore Valley, Rios Lovell Winery

Sunday April 21, 2024

Contact: Larry Loomer KI6LNB, larylloomer@yahoo.com

Berkeley Hills Road Race

Saturday April 27, 2024

Bike race in the East Bay Hills

Radio Coordinator: Mark Walsh, KM6XU, mark@km6xu.com

http://berkeleybike.org/?page_id=474



MDARC Board of Directors Meeting February 5, 2024

Held at Zoom online

1. Call to Order: The meeting was called to order at 7:00 pm by Larry Bradley, KK6QPE after it was determined that there was a quorum for conducting Club business.

2. Roll Call: Attendees via Zoom screen shot: **Officers:** Larry Bradley KK6QPE, President; Brian Lotter KM6NGS, Secretary; Barbara Whysong K6WHY, Treasurer; Larry Loomer KI6LNB, Emergency Coordinator; Mike Warren W6MEW, Director at Large; Trevor Hall WA6JAU, Director at Large; Mark Fehlig WA6NGC, Director at Large; Cal Vasquez K6VT, Director at Large. **Committee Chairs/Coordinator:** Jan Kulisek KM6NFC; Grant Bowman K6CBK; Jim Tittle K6SOE; Julie Mah WJ8MAH. **Guests:** Mike Patterson N6JGA; Ed Morales KJ6KYT; Gene Sylls KG6EYE; Benjo Sevilla KA6BJS; Debbie Janke KM6IXM; Matthison Ott KJ6DZB.

3. Approval of Minutes from Last Meeting: The minutes of the January 8 Board of Directors Meeting were approved.

4. Adopt Tonight's Agenda: The agenda was approved.

5. Officer reports:

- a. President Larry Bradley KK6QPE reported that he will be gone from February 9th to 15th to visit his dad to celebrate his 103rd birthday.
- b. Vice-President (Vacant) – Vacant.
- c. Secretary Brian Lotter KM6NGS – Had no report.
- d. Treasurer Barbara Whysong K6WHY – Barbara reported that she will be meeting with Gene tomorrow to take over from him and Gene KG6EYE added that he did not have the financials in time for tonight.

6. Emergency Coordinator Report: Larry KI6LNB had nothing to report.

7. Directors at large reports:

Mike Warren W6MEW – Had no report.

Trevor Hall WA6JAU – Trevor reported that there was a request from the technical committee to publicize the rent reduction for South Peak.

Mark Fehlig WA6NGC – Mark noted that the repeater was down during the last storm. Trevor replied that the old generator has been disconnected and that a new generator is in a container on site, but has not been connected yet. Mark added that the Walnut Creek CERT repeater was working during the storm, he also brought up the issue of gift certificates, from HRO, as door prizes for meetings. After further discussion Barbara said that she would follow up with HRO.

Cal Vasquez K6VT – Cal had no report.

8. Committee Reports:

- a. Auction: Vacant.
- b. Communications Trailer: Mike W6MEW asked Larry KI6LNB if the parking permit for the trailer had arrived yet, Larry replied, yes.
- c. Digital Media: Grant K6CBK reported that they had done several updates on the website and that the announcements section in the middle of the front page has the highlights for that. Mike N6JGA added that a page for Laurens 29th of February Leap Year net had also been added. Grant added that Leap Year falls on a Thursday, MDARC net night, every 28 years. The event has also been published in The Carrier.
- f. Education and Training: Vacant.
- g. Election Committee: No report was expected.

(continued on following page)

- i. Holiday Banquet: No report.
- j. License Testing: Larry KI6LNB said that once the venues have been decided under section. 10.4 below, he will publish the new venues on the ARRL VEC page. He added that License testing has already been arranged for after the end of each training course this year.
- k. Membership: Jan KM6NFC showed his screen with the following numbers. Paying members 195, All Current members 242, New members this year 11, Renewals last 30 days 26, Past due 119, Lifetime + Honorary members 12. There was some discussion about how many family members can be added to a member's membership. Larry KK6QPE will check the bylaws. This this will also affect the payment Gateway.
- l. Mesh Committee: Matthison Ott KJ6DZB reported that they have been working on MESH to ATV connectivity on North Peak. He added that the people in the Fairfield Vacaville area are trying to realign nodes on Sugar Loaf to demonstrate MESH to Solano County for further deployment of MESH around the country.
- m. Outreach: Dick Wade WM6G was not present.
- n. PACIFICON: Julie WJ8MAH reported that \$10,800.00 had been transferred to MDARC.
- o. Programs: No report was expected.
- p. Public Service: Larry KI6LNB reported that he is preparing a list of activities to be published in The Carrier. He added that the list will include activities in the Livermore area. Grant requested a copy for the website.
- q. Radio Lending Library: Cal K6VT had no report.
- r. Rocky Ridge Repeater (Tech): Jim K6SOE reported that the new receive antenna was damaged in transit, so he refused to receive it. It has been reordered and delivery date is not known yet.
- s. Scholarship: No report was expected.

9. Future Meetings:

General Meeting 02/16/2024

Board Meeting 03/04/2024 on Zoom only.

10. Unfinished Business:

10.1 Vice President: Larry KK6QPE announced that Ed Morales KJ6KYT has offered to be Vice President of MDARC. Larry KK6QPE sought a motion to appoint Ed Morales, KJ6KYT to fill the Vice President vacancy. Mike W6MEW seconded by Barbara K6WHY, proposed motion to appoint Ed Morales, KJ6KYT to fill the vacancy of Vice President of the Mount Diablo Amateur Radio Club. The motion was unanimously approved. Ed reiterated that he will be remote and therefore need help, especially to do the Programs Chair job.

10.2 Approval of 2024 Budget

Approve transfer of \$10,800 from Pacificon checking to MDARC checking

Pacificon ending checking balance	\$25,896.15
Donation to Pacificon	(\$5000.00)
Pacificon adjusted checking balance	\$20,896.15
Pacificon seed money	(\$10,000.00)

Funds to transfer to MDARC	\$10,896.15
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Amount to transfer to MDARC	\$10,800.00
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Pacificon ending checking balance	\$15,096.15
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Larry KK6QPE sought a motion to approve the transfer of \$10,800.00 to MDARC.

Trevor WA6JAU seconded by Mike W6MEW proposed a motion to authorize the transfer of the money to MDARC. The motion passed without objection.

Larry showed the budget and each line item was discussed and adjusted as necessary. Mike W6MEW seconded by Cal K6VT, proposed a motion to approve the budget as discussed. The budget was approved unanimously.

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10.3 Status report on revising Membership database for processing and tracking payments, new payment gateway status: Jan KM6NFC reported that Barbara ran a test of the payment Gateway and made a list of the problems that she found. Those problems have been fixed. Barbara will run another test this weekend and even if she finds more problems, they can be fixed within a couple of hours. The next step will be to convene an in-person meeting with Jan, Barbara and Grant where they will look at the test plan and check to see if everything works, as well as see if it is ready to activate. It is expected that the process will be completed in time for the next Board Meeting where approval to activate will be sought.

10.4 Alternate General Meeting locations: Larry KK6QPE showed the results of a survey that he had done which asked members to indicate whether they would prefer to continue to meet at Our Savior's Lutheran Church or move to the Clayton Valley Presbyterian Church. 16 people wanted to move, 19 wanted to stay and 3 had no preference. After some discussion, Larry called for a motion. Ed KJ6KYT seconded by Trevor WA6JAU, proposed a motion that the General Meetings stay at Our Savior's Lutheran Church. The Board voted 5 to 2 to stay.

11. New Business:

11.1 Auction: After much discussion, it appeared as if an auction is not feasible for us, mainly due to the fact that we don't have an auction chairperson. Matthison Ott KJ6DZB offered to dispose of any equipment we have, at a profit, as long as we have a list. He would also do the required Tax paperwork. Larry KK6QPE undertook to do some research so that the Board can make a go- or no-go decision at a future Board Meeting.

11.2 Membership Meeting 6/21 day before Field Day 6/22: After some discussion, Mike W6MEW seconded by Cal K6VT proposed a motion that we have no General Meeting the day before Field Day starts. The motion was unanimously approved.

11.3 MDARC Store <https://www.promoplace.com/goldmedalideas>: Barbara said that she thinks that it would be nice to have a place where members could buy swag with the MDARC logo on it. She added that she could engage Promoplace, at no cost to MDARC, to sell various items with our logo on them. Cal added that Brian Goldberg of LED Boothsigns, who is one of our vendors at Pacificon, also has clothing and other items like cups with our logo on it. The cups and other items have the logo done with laser etching. Barbara agreed to look at both options.

11.4 Pacificon Funds Transfer Policy: Larry KK6QPE said that he and Barbara have been working on the policy document for some time and asked that we read it and make comments, edits and reviews and give opinions.

11.5 Beale Air Force Base 440MHz power level: Trevor mentioned that he has been in contact with TSgt Eric Dubbs at Beale Air Force Base in order to increase the power of the 440MHz transmitter. He wants to increase the power to 2W effective radiated power. He added that the Air Force Base has modified their Radar system so that they can identify known signals.

12. Good of the order: Mike W6MEW asked if he needs the Board's approval to spend \$700 on the items for education and training, for which there is a list. Larry KK6QPE asked if it is on the budget and Mike said yes, so Larry said that it has already been approved and Mike just needs to submit receipts to Barbara.

13. Adjournment:

Mike W6MEW, seconded by Cal K6VT, proposed a motion to adjourn.

Meeting Adjourned at 9:33 pm

Respectfully submitted by

Brian Lotter KM6NGS

Secretary, February 25, 2024.

These meeting minutes were signed digitally due to the digital meeting.

MDARC General Meeting Minutes January 19, 2024

Held as hybrid Zoom and in-person meeting.

1. Call to Order: The meeting was called to order at 7:00 pm by MDARC president Larry Bradley KK6QPE.

- a. Welcome to all: Larry KK6QPE welcomed all attendees and indicated the positions of the emergency exits and restrooms.
- b. Pledge of Allegiance: This was made by attendees.
- c. Acknowledge new members: There were no new members in attendance.
- d. Acknowledge visitors: Visitors were acknowledged.

2. Approval of Minutes from the Last Meeting: The November 2023 minutes were approved.

3. Officer Reports:

- a. President: Larry Bradley KK6QPE said that he had nothing to report other than that he is “glad to be here”.
- b. Vice President: Vacant. Larry KK6QPE stated that, due to changes in the bylaws, the board can appoint a vice president without going through another election cycle.
- c. Secretary: Brian KM6NGS had no report.
- d. Treasurer: Barbara Whysong K6WHY was in attendance on Zoom and had nothing to report. Gene Sylls KG6EYE sent a report via email but the file was not available to display, however, it will be published in the February Carrier.
- e. Emergency Coordinator: Larry KI6LNB was not present.
- f. Directors at Large: Mike W6MEW, Trevor WA6JAU, and Mark Fehlig WA6NGC had nothing to report. Cal K6VT was not present.

4. Committee Reports – Standing:

- a. Auction: Report not scheduled or unavailable.
- b. Outreach Coordinator: Report not scheduled or unavailable.
- c. Technical: Jim Tittle K6SOE reported that we did sign a new rental contract for the repeater site on South Peak. He added that most people know that we have a bad receive antenna, but now that we have a new contract, we can go ahead and replace it. The antenna has been ordered and the tower climbers have been contracted to install it. The antenna is expected to arrive in the next six weeks. Under the old contract, the rent was over \$900.00 per month with a 3% per annum escalator. Under the new contract, for 2024, it will be \$500.00 per month with a 2.5% per annum escalator. Larry KK6QPE thanked the subcommittee for doing a great job on the negotiations. The subcommittee was comprised of Ed KJ6KYT, Tim K6BIV, Trevor WA6JAU and Jim K6SOE.
- d. Digital Media: Report not scheduled or unavailable.
- e. Education and Training: Larry KK6QPE, stated that John Primus AF6RJ retired at the end of last year after many years of service in that capacity, he added that he intends to hold that position temporarily unless someone is willing to step forward. He announced that a Technician class had already started.
- f. Pacificon: Report not scheduled or unavailable.
- g. Membership: Jan KM6NFC reported the numbers as follows; Paying members 180; Total including family members 226 and those who haven’t renewed yet 128.
- h. Public Service: Report not scheduled or unavailable.
- i. Vehicle Committee [MDARC-1 } Report not scheduled or unavailable.
- j. License Testing:
- k. Trailer Committee: Report not scheduled or unavailable. l. Field Day: Report not scheduled or unavailable.
- m. Holiday Banquet: Report not scheduled or unavailable n. Election Committee: Report not scheduled or unavailable.
- o. Program Committee: Report not scheduled or unavailable.

5. Unfinished Business: None

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6. New Business:

Lauren Styles WA6CIE announced that he will be running a special Net on February 29th. It is called Leap Night Net and it happens every time that leap night falls on a Thursday which is the night of the MDARC Net. The last time it happened was in 1996 and the next time it will happen will be in 2052. We are inviting all Ham Clubs in the East Bay section to participate as visitors. ECHO Link check ins will start at 7pm. They are planning to send out certificates or QSL's to anybody who checks in. The idea behind this event is to get more people to use the repeater. There will be more information in the next Carrier and the next meeting.

There was a question from the floor about whether the General meeting location is moving. Larry KK6QPE explained that that polls had gone out and that most people should have received them. The results will be tabulated and discussed at the next Board Meeting.

7. Adjourn Business meeting: Lauren Styles WA6CIE seconded by Mike Warren W6MEW, proposed a motion to adjourn the meeting. The meeting was adjourned at 7:18 pm.

Respectfully submitted by

Brian Lotter, KM6NGS

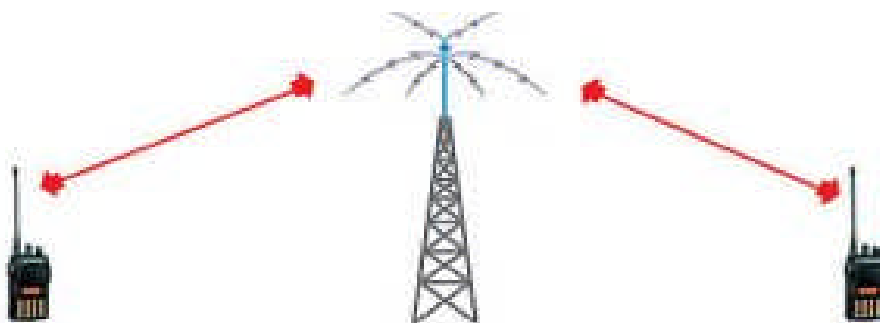
Secretary, on February 12, 2024

W6CX Repeater System Survey!

Your thoughts matter!

Our club's Technical Committee would like to know how you have interacted with the W6CX repeater system in the last 2 months.

Survey Link: <https://forms.gle/g72Ta6uEoUor7Dsw9>





On February 22, 2024, the news media as well as social media reported the AT&T cellular service failed in numerous locations around the United States for as long as seven hours, affecting tens of thousands of customers. Cellular telephone subscribers with other companies that lease space on AT&T's network were also outage victims. In a statement released by the company later that day, AT&T claimed "...today's outage was caused by the application and execution of an incorrect process used as we were expanding our network, not a cyber attack." One wonders how an entire network operated by a company with over a century of telecommunications experience can be "tanked" by an unspecified "incorrect process."

This is not the only "outage" involving AT&T. On March 3, 2023, the company filed an application with the California Public Utilities Commission (CPUC) to abandon their "Carrier of Last Resort" (COLR) status within the state. If approved by the CPUC, over 580,000 affected

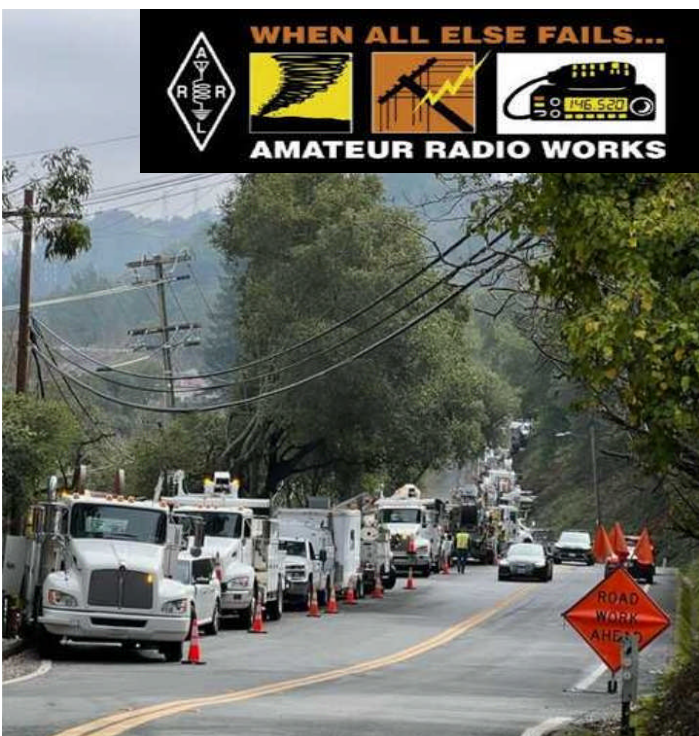
AT&T customers would lose their traditional copper wire landline service, alias "Plain Old Telephone Service" or POTS. Alternate services, such as VoIP and wireless, have no obligation to serve a customer or to provide equivalent services to AT&T landline customers, including no obligation to provide reliable access to 9-1-1 or federal LifeLine program discounts. CPUC has not reached a decision on AT&T's application. 20 other states have approved similar COLR abandonment applications from AT&T.

In their filing with CPUC, AT&T argues that wireless is a suitable alternative to copper landlines. AT&T said that mobile service is "highly reliable" and now offers "substantially better quality than earlier versions." Based on the widespread outage on February 22, many would dispute AT&T's "highly reliable" claim.

As far as the reliability of AT&T landlines go, on January 16, 2024, unknown suspects removed several hundred feet of AT&T copper cable from utility poles along El Toyonal in Orinda, California (see photo). This theft resulted in the loss of residential landline and internet service that affected hundreds of AT&T customers in this neighborhood for almost 12 hours. Customers served by telecommunications companies who use fiber optic cables, such as Comcast, were not affected as thieves do not target such cables since they do not contain much salvageable metals.

As amateur radio operators, our radio equipment is ready if traditional means of communications fail. Outages like these remind us to keep our equipment in operating condition as they may be our only means of communications until the outage is repaired.

By Matthew G. Vurek, N4DLA



LEFT: Several dozen AT&T utility trucks parked along El Toyonal and Rio Vista in Orinda, California replacing copper utility lines that were stolen earlier on January 16, 2024.
(Photo by Shannan Tagg via Nextdoor dot com)



Senators Roger Wicker and Richard Blumenthal Introduce S.3690 to Eliminate Private Land Use Restrictions on Amateur Radio

On January 30, 2024, US Senators Roger Wicker (MS) and Richard Blumenthal (CT) introduced [S.3690](#), the Senate companion bill to H.R.4006, introduced last June. Both bills reflect the Congressional campaign efforts by ARRL to eliminate homeowner association land use restrictions that prohibit, restrict, or impair the ability of an Amateur Radio Operator to install and operate amateur station antennas on residential properties they own.

Amateur radio operators repeatedly are relied upon to provide essential communications when disaster strikes, but their ability to do so is being impaired by the exponential growth of residential private land use restrictions that hinder their ability to establish stations in their homes with which to train and provide emergency communications when called upon.

In announcing the introduction of S.3690, Senator Wicker said: “Because communication during natural disasters is often hindered, we should be making every attempt to give folks more options. Reliable access can make the difference between life and death in an emergency. Our legislation removes roadblocks for amateur radio operators looking to help their friends, families, and neighbors.”

In a similar announcement, Senator Blumenthal stated: “Our measure will help clarify the rules so ham radio enthusiasts can successfully continue their communications. In the face of emergency or crisis, they help provide vital, life-saving information that allow listeners to properly and safely respond, but prohibitive home association rules and confusing approval processes for installing antennas have been an unnecessary impediment. The Amateur Radio Emergency Preparedness Act resolves these bottlenecks and ensures that radio operators can function successfully.”

ARRL President Rick Roderick, K5UR, and Director John Robert Stratton, N5AUS, Chair of the ARRL’s Government Affairs Committee, both extended on behalf of ARRL, its members, and the amateur radio community their thanks and appreciation for the leadership of Senator Wicker and Senator Blumenthal in their continuing efforts to support and protect the rights of all amateur radio operators. (*Source: American Radio Relay League web page*)

EDITOR’S NOTE:

Wicker and Blumenthal introduced similar legislation, S.1685, on June 25, 2015 but it failed to be voted on by the full Senate due to the objections of a Florida senator serving with them on the Commerce Committee. However, this senator is no longer in office and is now, at age 81, the NASA administrator. Its companion bill, H.R.1301, was passed by voice vote in the House of Representatives on September 12, 2016. Only 11 of California’s then-45 house members co-sponsored H.R.1301 and only two of those co-sponsors were from districts north of Los Angeles.. For more details, see page 4 in the September 2016 issue of The Carrier.

MDARC CAMPOUT May 31 - June 2, 2024



Located at the Sugar Pine Dam Recreation Area in the Forbes Creek section at the Rocky Ridge group site. It is one of the most beautiful spots in Placer County. This will be a joint venture between our club and another group of radio amateurs who have meeting for this annual event for over 50 years. We are limited to 50 people at this site so get your reservations in early.

At approximately 3,000 feet above sea level, the campground has water and restroom facilities, no hookups, but nice spaces for trailers, tents and motor homes. There are three large barbecue pits available at our site as well as a large recessed pit for a grand campfire. There are plenty of trees as well as open space for stringing a G5RV and a double extended Zepp for your HF station if it is your desire to bring one.

Call-in will be on the Mount Diablo W6CX (147.06 +600 100hz PL) repeater.

Friday

Between 12 noon and 1 PM, the forest ranger will arrive to unlock the gate for access to our site. The gate will remain open through out our stay. Also during this time and throughout the afternoon and the early evening the 145.43 repeater (PL 162.2hz), as well as the 146.745 -600 W6SAR Foresthill PL 156.7 will be monitored. If you are a distance away from the campsite, the Mt. Diablo W6CX repeater will be available. When you arrive, park at any of the available spaces. There are plenty.

That evening, you are on your own for dinner. Use your Weber or the barbecue pits provided at the site.

A campfire and star party with telescopes will take place after dark.

Saturday

In the morning, you are on your own for breakfast after which, if you desire, join us for a hike to and around the lake. Weather pending, the view will be picture postcard as we make our way around. We will pass the swimming area and cross the dam as we make our way back to Rocky Ridge. The hike should take approximately 2 hours.

After arriving back at the campsite, you are on your own for lunch if you desire but most of us would probably settle for a tall cold one. Later on you can scrounge around for wood for the campfire that night. Around 4:30 the full socializing begins and the bar is open. Bring out the appetizers and munches which is part of the pot luck. Also during this time, the host supplied charcoal will be prepared and the barbecue pits will be lit. However, before dinner as an idea conceived by Fred Townsend AE6QL, we will have a champagne cork popping contest. To participate in this event, bring your own champagne ...**AND NO BOTTLES WITH SCREW-ON CAPS...**
CORK ONLY.

As for dinner that follows, the hot coals will be provided for cooking your choice of meat. Please bring out a side dish, salad, rolls for dinner and dessert to share.

After dinner, the camp fire will be started so bring your own marshmallows. The sticks will be provided by the campsite. Enjoy the fire as we sing, chat, or whatever you would like to do at this time. Plus we will have a real space odyssey star party with a few astronomical telescopes set up.

(continued on following page)

Sunday

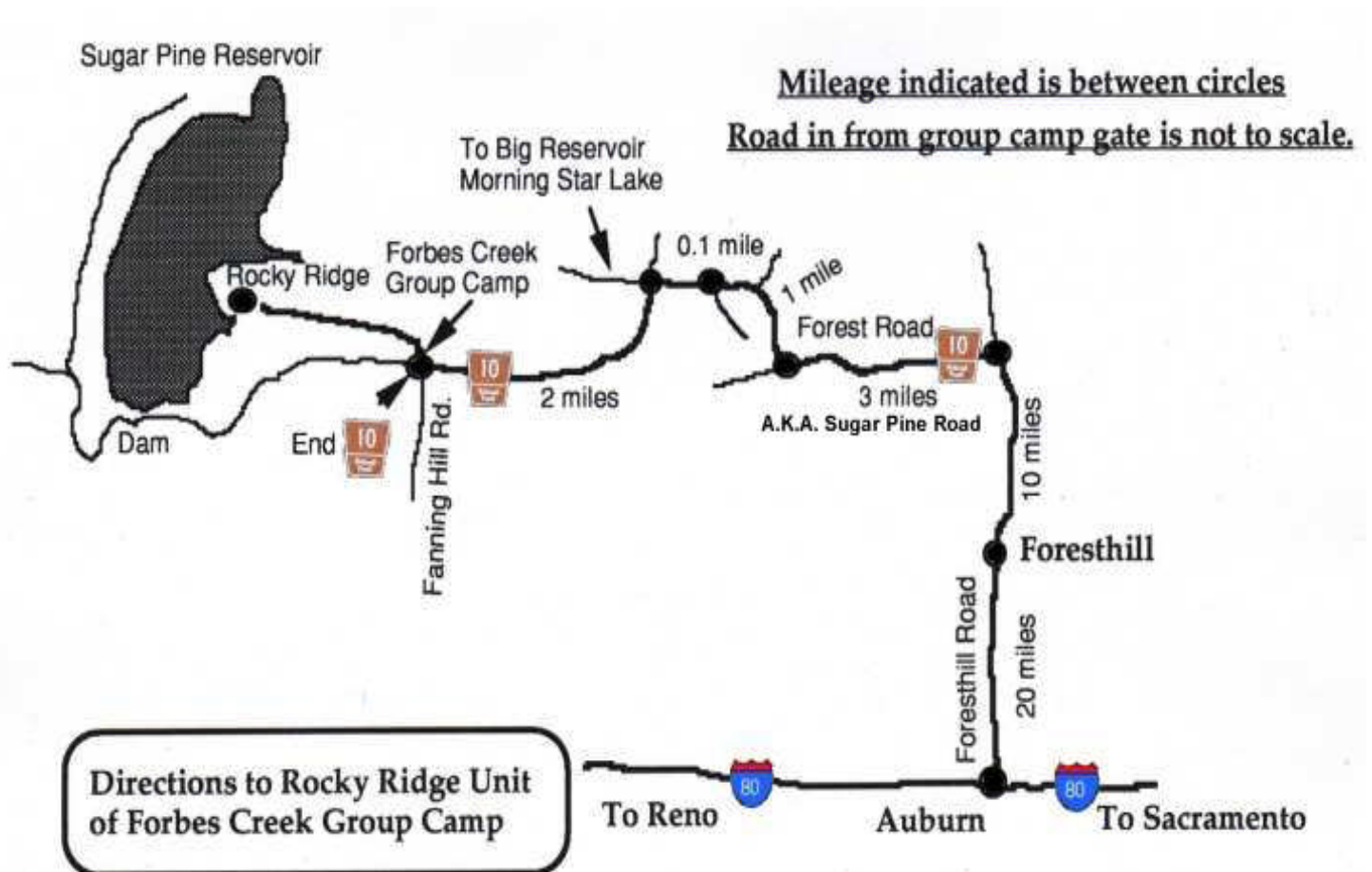
At approximately 8 am, preparation will be underway for the host provided barbecued pancakes. Supply your own beverages and sides and share if you like.

Looks Great...Now How Do We Get There??

From San Francisco, drive east on Interstate 80 through Auburn and exit at Foresthill. Head east on Foresthill Road crossing the mile long panoramic American River Bridge. Continue heading east for about 20 miles and you will reach the town of Foresthill. After passing through town continue east for another 10 miles and turn left at Sugar Pine Dam Road. There should be sign just before you reach the junction. Once you are on Sugar Pine Dam Road (Route 10), follow the road carefully, there are a few turnoffs that can possibly throw you off course. **If you have any questions while on Foresthill or Sugar Pine Dam road, you should be in simplex range. Monitor 146.49. The 145.43 (PL 162.2) Auburn repeater should also be available and it will be the primary talk-in to get you to the site.** In any case, stay on the blacktop. Eventually you approach a junction with the main road going slightly to the left and a road going slightly to the right with a gate which should be open for us. This is also the junction where route 10 ends as indicated by a sign even though the road continues. As you go past the gate, there is a sign posted there marking the reserved group campsites. Follow the signs for the Rocky Ridge site which will be reserved for us. The total drive time from San Francisco to the campground should be approximately 3 hours if you avoid the Bay Area and Sacramento rush hours.

In the late morning, it's cleanup time and we say our good-byes until next year.

RSVP. to Julie Mah, WJ8MAH juliemah4@yahoo.com



ESTATE SALE

Astron VS-35M 2 to 15 volts 35 amp power supply \$160

Astron RS-35M 35 amp power supply \$180

Kenwood IF-232C computer interface \$20

Kenwood TS-2000 HF/VHF/UHF Transceiver \$800

Kenwood SP-23 external speaker for TS-450 \$100

Yaesu G-800DXA rotator controller only (no rotator) \$80

Diamond MX-72H HF-VHF/UHF Duplexer \$30

Vibroplex Keyer \$90 McElroy semi-automatic telegraph key \$150

Reasonable offers for any of the above considered. Contact:

Kim Leong, N6YJ, 925-575-1941 or n6yj.qth@gmail.com

Low-Cost Receivers for Digital Amateur Television Reception Available For Sale from Club Member KA3VDT

These are DVB-S2 receivers pre-programmed for our club's 1.2 GHz W6CX DATV repeater frequencies

Connect a 1.2 GHZ directional antenna, aim it at Mount Diablo's North Peak and watch the over the air repeater signal on your video monitor

Please contact Will Roberts at ka3vdt@gmail.com or visit

<http://laser66.com/ham/>

To purchase a DATV transmitter, contact Fred Coe, WB6ASU, at wb6asu@icloud.com

18 APRIL WORLD AMATEUR RADIO DAY

اليوم العالمي لراديو الهواة

Día Mundial del Radioaficionado

Всемирный День радиолюбителя

世界业余无线电日

Journée mondiale de la radio amateur

Celebrating Amateur Radio's Contribution to Society



WWW.IARU.ORG/WORLD-AMATEUR-RADIO-DAY



INTERNATIONAL MARCONI DAY APRIL 27, 2024

International Marconi Day celebrates the immense role Guglielmo Marconi played in the invention of radio

LISTEN FOR SPECIAL EVENT STATIONS AROUND THE HF BANDS FROM 0000Z TO 2359Z



Bob Heil

Heil Electronics regrets to announce that our beloved founder, Dr. Robert G. (Bob) Heil, K9EID, is now a silent key. Bob fought a valiant, year-long battle with cancer, and passed peacefully on February 28, 2024 surrounded by his family.

Born in 1940, Bob's lifelong passion for amateur radio was clear to everyone involved in the hobby. Everything Bob did for the betterment and growth of amateur radio - from his instructional handbooks and countless presentations to his support of the ARRL and youth programs - was based on the foundation and spirit of service. Bob was a mentor to all of us. While Bob's presence will dearly be missed, his impact on the hobby and everyone in it will forever be felt. On behalf of Bob to all ham radio operators worldwide, 73.

Bob Heil was a sound and radio engineer most well-known for creating the template for modern rock sound systems. He founded the company Heil Sound in 1966, which went on to create unique touring sound systems for bands such as The Grateful Dead and The Who. Bob was an innovator in the field of amateur radio, manufacturing microphones and satellite dishes for broadcasters and live sound engineers. He won multiple awards and honors, and in 2007 he became the first manufacturer to be invited to exhibit at the Rock and Roll Hall of Fame. In 2014, Bob Heil was awarded an honorary doctoral degree in Music and Technology from the University of Missouri. (Source: Heil Electronics Facebook Page)

On December 6, 2020, K9EID was the featured speaker, via ZOOM, at the MDARC monthly meeting.



Upgrade your amateur radio license. Register now for MDARC 2024 General license course.

General License Course-2024

Each Tuesday, March 26 - May 21, 2024 (9 sessions)

7:00-9:00 PM

Held via Zoom and In-Person at:
Clayton Valley Presbyterian Church

1578 Kirker Pass Road
Clayton, Ca 94517

*** General Class Get-On-The-Air (GOTA)**

Saturday, June 22, 2024 10:00 AM-12:00 PM

In-Person Only

*This session will be In-Person only, at MDARC Summer Field Day located at Olympic High School in Concord. This Get On The Air (GOTA) class will provide practical information to make it easier to use what you learned in the license course in real applications. In this session, you will practice actually getting on the air. (We can provide the radios.)

Please go to <https://www.mdarc.org/education-and-testing/class-details> for complete details and to register for the license course.

SATURDAY, May 4, 2024 - BENICIA, CA



AMATEUR RADIO LICENSE CLASS

Study Session followed by Exam



When: Saturday, May 4, 2024

8:30 AM - 5:00 PM

Test only: 1:00 PM \$14

Where: Benicia Senior Center

1201 East 2nd Street, Benicia

What: Technician Class (beginner's level)

General Class Upgrade

(for those already licensed as a Tech)

Fee: \$35.00 (Includes exam fee) (FCC Fee not included)

Register: beniciaarc.com/hamclass

**Questions: HamRadioClass@BeniciaARC.com
or 707-742-3227 Voicemail or Text**



**Class size is limited and always fills up
Register and Pre-pay online for a guaranteed seat
No prep or prior study required**

**Prospective Hams should plan on attending local Get-On-The-Air Classes
after passing their test, to become familiar with Amateur Radio operations**

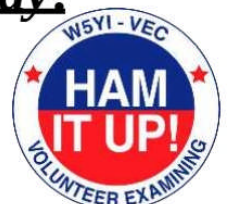
Reserve Your Space - Become a Ham in One Day!



Can't make the
upcoming class?
Check our website
for future sessions.



Element 4 (Extra class)
You need only pay the
test fee of \$14. We do
not provide study
materials for Element 4.



THE FIRST HAM SWAP OF THE YEAR IS COMING!



BTH ANNUAL **LOOMIS HAMFEST**



Join the Sierra Foothills Amateur Radio Club on March 16th, 2024!

Get your gear, grab your wallet, and get ready for a super swap.

We'll have coffee and donuts, awesome prizes,

Elmer tours, a test table, presentations, and so much more.

More information can be found @ hamfest.w6ek.org

Sellers need to bring their own tables, chairs, pop-ups, generators (no shore power available)
No equipment will be provided.

SELLERS \$10

Setup at 0600

**FREE ADMISSION
AND PARKING**

**TALK IN FREQUENCY
146.535**

When

Saturday, March 16, 2024
0700 to 1100 Hours

PRIZES

Where

Historic Loomis Train Depot
5775 Horseshoe Bar Rd, Loomis



Renogy Foldable Solar Panel, Charge Controller,
and 30ah Battery



Yaesu FT-70DR & FT-65
w/ RTSystems Software

2024 SUPPORTERS

DX ENGINEERING

**BridgeCom
SYSTEMS**

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RADIO PROGRAMMING MADE EASY

**ALPHA[®]
ANTENNA**

**HAM
RADIO
OUTLET**



MFJ



**PROFESSIONAL GRADE
HYDRATION**

SPECIAL THANKS TO

Aaron Bond (W1ATB),
Brian Gohl (AI6US), Gary (N6UWQ),
Jeff Morgan (KM6RGO), Smitty (WB1G),
and Tom (NN6H) for your donations.



Valley of the Moon Amateur Radio Club

Presents

HAMFEST 2024

Saturday, April 27th,
8:00 AM to 12:00 Noon

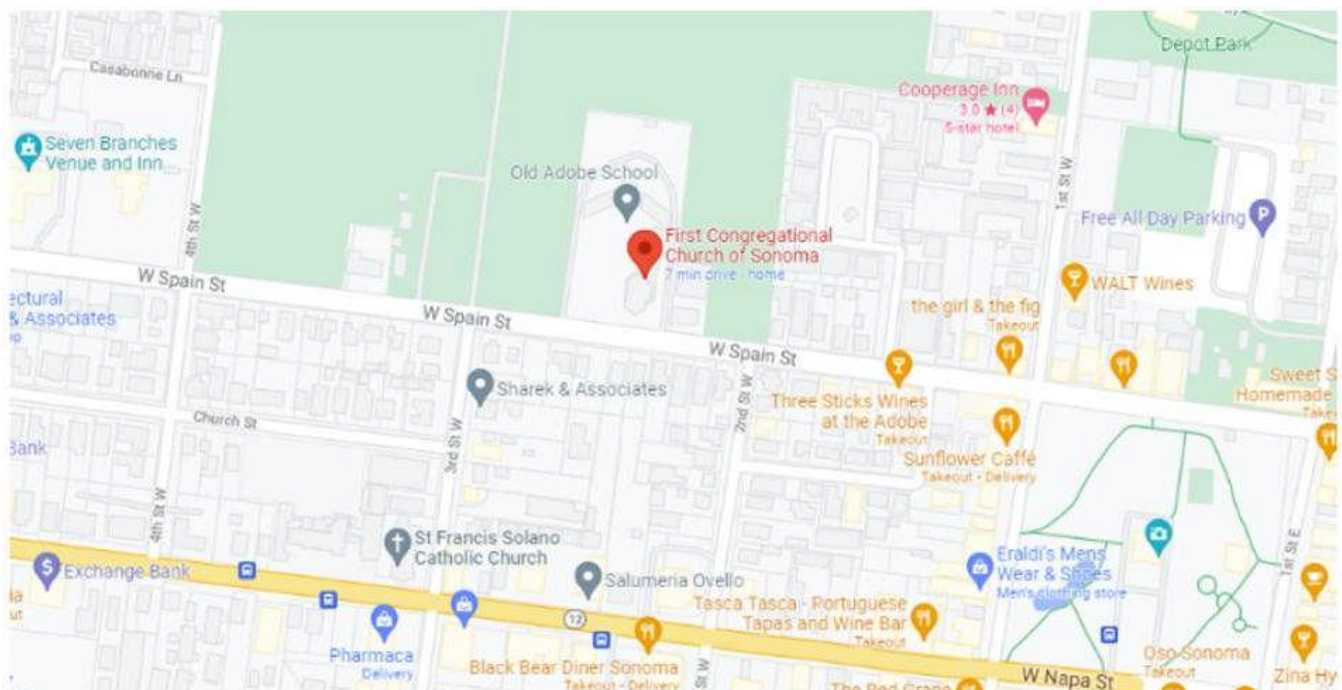
Featuring:

- Swap Meet (outdoor spaces)
- Breakfast (pancakes, sausage and eggs)
- VE Testing Session (advance registration required)
- Station Demos
- Fox Hunt
- And more!



First Congregational Church of Sonoma
252 W Spain St, Sonoma
Talk in on 145.350 MHz (88.5 PL)
For info: valleyofthemoonarc@gmail.com

Admission: FREE
Breakfast: \$10.00
Swap spaces: \$10.00
<http://www.vomarc.org>



HAM RADIO OUTLET®

WWW.HAMRADIO.COM

See us at HAMCATION - Booths 024-028!



FTDX101MP | 200W HF/50MHz Transceiver

- Hybrid SDR Configuration • Unparalleled 70 dB Max. Attenuation VC-Tune • New Generation Scope Display 3DSS • ABI (Active Band Indicator) & MPVD (Multi-Purpose VFO Outer Dial) • PC Remote Control Software to Expand the Operating Range • Includes External Power With Matching Front Speaker



FTDX10 | HF/50MHz 100 W SDR Transceiver

- Narrow Band and Direct Sampling SDR • Down Conversion, 9MHz IF Roofing Filters Produce Excellent Shape Factor • 5" Full-Color Touch Panel w/3D Spectrum Stream • High Speed Auto Antenna Tuner • Microphone Amplifier w/3-Stage Parametric Equalizer • Remote Operation w/optional LAN Unit (SCU-LAN10)



FT-991A | HF/VHF/UHF All Mode Transceiver

- Real-time Spectrum Scope with Automatic Scope Control • Multi-color waterfall display • State of the art 32-bit Digital Signal Processing System • 3kHz Roofing Filter for enhanced performance • 3.5 Inch Full Color TFT USB Capable • Internal Automatic Antenna Tuner • High Accuracy TCXO



FTDX101D | HF + 6M Transceiver

- Narrow Band SDR & Direct Sampling SDR • Crystal Roofing Filters Phenomenal Multi-Signal Receiving Characteristics • Unparalleled -70dB Maximum Attenuation VC-Tune • 15 Separate (HAM 10 + GEN 5) Powerful Band Pass Filters • New Generation Scope Displays 3-Dimensional Spectrum Stream



FT-710 Aess | HF/50MHz 100W SDR Transceiver

- Unmatched SDR Receiving Performance • Band Pass Filters Dedicated for the Amateur Bands • High Res 4.3-inch TFT Color Touch Display • AESS: Acoustic Enhanced Speaker System with SP-40 For High-Fidelity Audio • Built-in High Speed Auto Antenna Tuner



FT-891 | HF+50 MHz All Mode Mobile Transceiver

- Stable 100 Watt Output • 32-Bit IF DSP • Large Dot Matrix LCD Display with Quick Spectrum Scope • USB Port Allows Connection to a PC with a Single Cable • CAT Control, PTT/RTTY Control



FTM-300DR | C4FM/FM 144/430MHz Dual Band

- 50W Output Power • Real Dual Band Operation • Full Color TFT Display • Band Scope • Built-in Bluetooth • WIREX Portable Digital Mode/Fixed Mode with HRI-200



FT-2980R | Heavy-Duty 80W 2M FM Transceiver

- 80 watts of RF power • Large 6 digit backlit LCD display for excellent visibility • 200 memory channels for serious users



FTM-200DR | C4FM/FM 144/430MHz Dual Band

- 1200/9600bps APRS® Data Communications • 2" High-Res Full-Color TFT Display • High-Speed Band Scope • Advanced C4FM Digital Mode • Voice Recording Function for TX/RX



FTM-500DR | C4FM/FM 144/430MHz Dual Band Xcvr

- Front Firing Acoustically Enhanced Speaker System • True Dual Band Operation, C4FM/C4FM Digital D-D Dual Receive • 2.4" High-Resolution Full-Color Touch Panel Display • Built-in High Precision GPS Receiver • Wireless Operation Capability with Optional Bluetooth® Headset

FT-70DR C4FM/FM 144/430MHz Xcvr

- System Fusion Compatible • Large Front Speaker delivers 700 mW of Loud Audio Output • Automatic Mode Select detects C4FM or Fm Analog and Switches Accordingly • Huge 1,105 Channel Memory Capacity • External DC Jack for DC Supply and Battery Charging



FT-5DR C4FM/FM 144/430 MHz Dual Band

- High-Res Full-Color Touch Screen TFT LCD Display • Easy Hands-Free Operation w/Built-In Bluetooth® Unit • Built-In High Precision GPS Antenna • 1200/9600bps APRS Data Communications • Supports Simultaneous C4FM Digital • Micro SD Card Slot



FT-65R | 144/430 MHz Transceiver

- Compact Commercial Grade Rugged Design • Large Front Speaker Delivers 1W of Powerful Clear Audio • 5 Watts of Reliable RF Power Within a compact Body • 3.5-Hour Rapid Charger Included • Large White LED Flashlight, Alarm and Quick Home Channel Access



FTM-6000R | 50W VHF/UHF Mobile Transceiver

- All New User Operating Interface-E20-III (Easy to Operate-III) • Robust Speaker Delivers 3W of Clear, Crisp Receive Audio • Detachable Front Panel Can Be Mounted in Multiple Positions • Supports Optional Bluetooth® Wireless Operation Using the SSM-BT10 or a Commercially Available Bluetooth® Headset



- RETAIL LOCATIONS – Store hours 10:00AM - 5:30PM - Closed Sunday
- PHONE – Toll-free phone hours 9:30AM - 5:30PM
- ONLINE – WWW.HAMRADIO.COM
- FAX – All store locations
- MAIL – All store locations

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The radio

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(800) 558-0411

WOODBIDGE, VA
(800) 444-4799

WINTER SPRINGS, FL
(800) 327-1917

SACRAMENTO, CA
(877) 892-1745

DENVER, CO
(800) 444-9476

PLANO, TX
(877) 455-8750

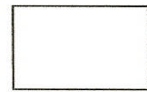
NEW CASTLE, DE
(800) 644-4476

SALEM, NH
(800) 444-0047

ATLANTA, GA
(800) 444-7927



The Carrier
Newsletter of the Mt. Diablo Amateur Radio Club
P.O. Box 23222
Pleasant Hill, CA 94523
www.mdarc.org



**2024
SPRING FORWARD**
Sunday, March 10 at 2:00 am
Change Your Clocks

FIRST CLASS

<https://www.facebook.com/mdarc.org>

<https://www.linkedin.com/companies/mdarc>

W6CX Nets

M-F 5:42 am Morning Muster 147.060+ 224.780- 441.325+

M-F 6:10am Commuter Net 147.060+ 224.780- 441.325+

Monday 8:00 pm SATERN Net 147.060+

Tuesday 7:30 pm Fat City 10 meter USB/CW Net 28.420 MHz

Tuesday 8:00pm Digital Practice Net 147.060+ 224.78- 441.325+

Wednesday 7:00 pm SKYWARN Net 147.060+

Wednesday 8:00pm Delta Amateur Radio Club Net 147.060+

Thursday 7:30 pm MDARC Club Net 147.060+

Thursday 8:00 pm Digital Amateur Television Net 147.060+

Club Voice Repeaters

147.060 MHz + / PL 100Hz

224.780 MHz - / PL 77Hz 441.325 MHz + / PL 100Hz

EchoLink: W6CX-R /133896, IRLP: 3057

DMR Repeater 144.925 offset plus 2.5 MHz color code 1

D-STAR 145.000 offset plus 2.5 MHz

<https://w6cx.dstargateway.org/>

DATV Internet Stream: <http://w6cxatv.mdarc.org>

YouTube Channel: [Media MDARC](#)

Contra Costa County Emergency Communications Nets Every Thursday

6:30 pm HF Countywide 3.893 MHz LSB

6:45 pm West County 145.110-- (82.5 PL)

7:00 pm Central County 145.680 Simplex

7:00 pm East County 146.535 Simplex

7:00 pm South County 147.480 Simplex

7:20 pm Countywide 145.490-- (107.2 PL)

or 147.735-- (107.2 PL)

or 145.410-- (107.2 PL)

Concord Auxiliary Radio Emergency Service (CARES)

Wednesday 8:00pm 147.405 Simplex

Digital Amateur Television Repeater

Digital ATV Output: 1244.500

Digital ATV Inputs: 1292.500, 1273.0, 917.0, 430.0

Analog ATV Input: 1270.000 FM (PL 192.8)

March and April 2024 Club Calendar

Friday March 15, 2024	7:00pm	MDARC General Meeting - Our Saviors Lutheran Church, 1035 Carol Lane, Lafayette
Monday April 1, 2024	6:30pm	MDARC Board of Directors Meeting - VIA VIDEO CONFERENCE
Saturday April 6, 2024	8:00am	MDARC Technical Committee Meeting - VIA VIDEO CONFERENCE
Friday April 19, 2024	7:00pm	MDARC General Meeting - Our Saviors Lutheran Church, 1035 Carol Lane, Lafayette